SPF-87H
SPF-107H

Digital Photo Frame
User Manual

Thank you for purchasing a Samsung digital photo frame

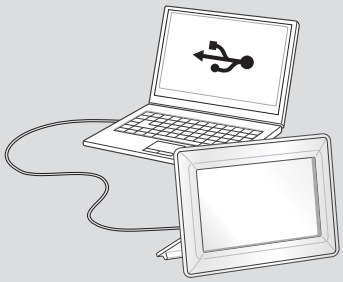
"Safety precautions" is to protect safety of a user and to prevent property damage.
Read it carefully and use the product properly.

SAMSUNG

Special Features

Ultra-slim design which gives life to your living space

The ultra slim design which is 50% less thick than our previous models takes up much less space than a regular picture frame. Also the crystal design and soft charcoal gray color of this product make it a great addition as a refined piece for any room in your home.

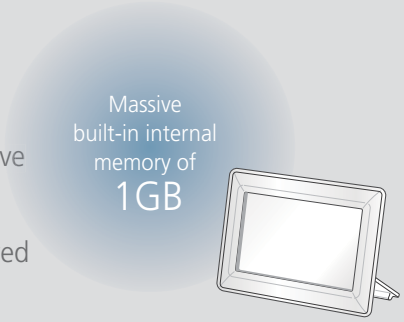


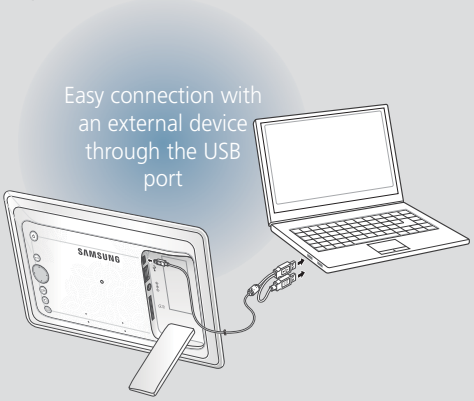
Use as the Mini Monitor with a USB

It can be used both as a Digital frame and Mini Monitor, so it can be utilized as an exclusive monitor for Web surfing, Messenger or Widget.
You can use the SPF-87H model conveniently by connecting it to a PC with only the USB cable.

Plenty of frame memory space

Purchasing an additional memory is not needed with its massive built-in internal memory of 1GB.
Memory space can be used more efficiently because when saving the photos, they are automatically compressed and saved with optimum resolution.



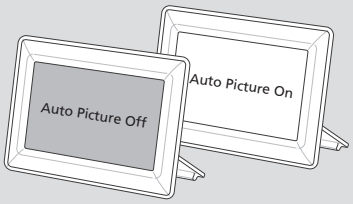


Convenient and wide expansion

Storage space can be expanded conveniently using the SD memory card slot along with the large internal memory.
Using the USB port, an external device can be easily connected to USB memory.

Economical digital frame

The <**Auto Picture On/Off**> function with which the product operates only at a certain predetermined time saves your electricity bills.



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- The information in the User Manual is subject to change without prior notice for improvement.

Safety Instruction

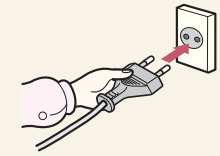
The content is to protect safety of a user and to prevent property damage. Read it carefully and use the product properly.

Warning	Failure to follow the instructions indicated by this mark may cause serious injury or fatal wound.
Attention	Failure to follow the instructions indicated by this mark may cause personal injury or property damage.

Power

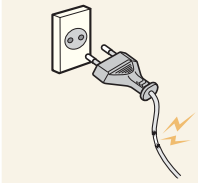
* The following images are for your reference and may differ depending on models and countries.

Warning

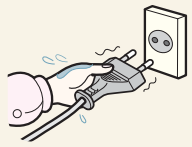


Insert the power plug correctly until it is firmly in place.

Failing to do so, may cause fire.

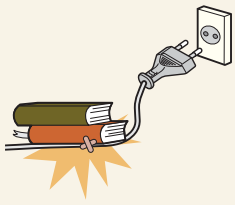


Do not use a damaged power plug, cord or outlet, as this may cause electric shock or fire.



Do not touch the power plug with wet hands, as this may cause electric shock.

Do not connect more than one appliance to a single outlet, as an overheated outlet may cause fire.

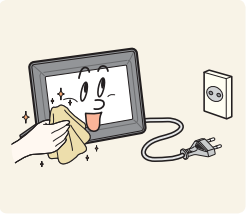


Do not use force to pull the power cord. Don’t place anything heavy on the power cord, as this may cause electric shock or fire.

Make sure to turn the power off and disconnect the power plug from the outlet before moving the product. Make sure to disconnect the connection cables from other devices as well.

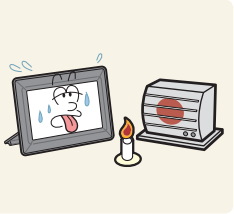
Moving the product without disconnecting the power cord may damage it while moving, and may cause electric shock or fire.

⚠ Attention



Ensure that the power plug is disconnected before cleaning the product.

Failing to do so, may cause electric shock or fire.



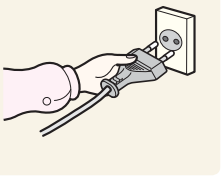
Do not install the product near any heating appliance.

There is a risk of fire.

Keep the product away from places exposed to oil, smoke or moisture; do not install inside a vehicle.

This may cause a malfunction, electric shock or fire.

In particular, avoid operating the monitor near water or outdoors where it could be exposed to snow or rain.

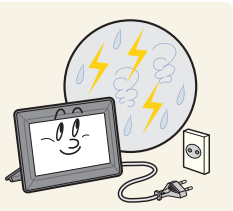


Hold and pull out the plug by its body when disconnecting it from the outlet, as pulling the plug out by the cord may cause it to be damaged.

Failing to do so, may cause fire, or the product may not turn on normally.

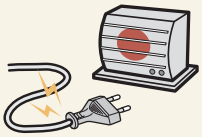
Installation

⚠ Warning



Disconnect the power plug when there is thunder or lightning.

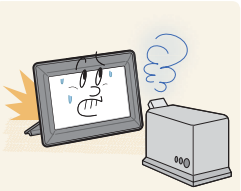
Failing to do so, may cause electric shock or fire.



Do not place the power cord near a heater, as the power cord may melt, causing electric shock or fire.

When installing the product on a cabinet or shelf, do not let the front end of the product project beyond its front edge.

Failing to do so, may cause the product to fall, resulting in a product malfunction or personal injury.



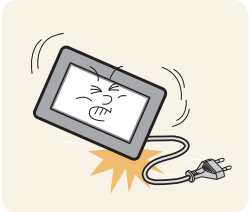
Do not install the product in a car or a location exposed to oil, smoke, moisture, water, or rainwater.

Any contact of these materials with the product may cause electric shock or fire.

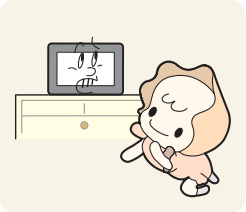
⚠ Attention

Place the product down gently when installing it.

Failing to do so may cause product damage or personal injury.



Avoid dropping the product when moving, as this may cause product damage or personal injury.



Do not install the product in a location easily reached by children.

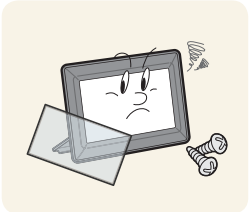
As the product may fall and cause personal injury.

Using and Cleaning

⚠ Warning

Do not insert any metal objects such as forks, wire, or gimlets, or flammable items such as paper or matches into the ports at the back of the product, as this may cause electric shock or fire.

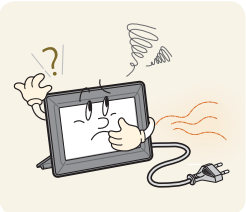
If water or any foreign substance enters the product, make sure to turn the product off disconnect the power plug from the outlet, and contact a service center.



Never disassemble, repair, or modify the product yourself.

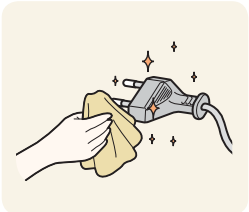
If you need to repair your product, contact a service center. An attempt at repairing this product may cause electric shock or fire.

⚠ Attention



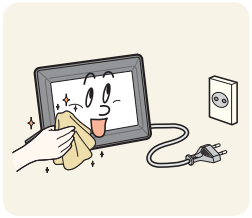
If you hear a strange sound, smell anything burning, or see smoke, disconnect the power plug immediately and contact a service center.

Failing to disconnect the power plug may cause electric shock or fire.



Always remove dust and water from the pins and connections of the power plug.

Failing to do so may cause electric shock or fire.

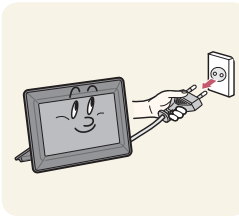


When cleaning the product, first disconnect the power plug and clean it with a soft, dry cloth.

Do not use any chemicals such as benzene, alcohol, thinners, mosquito repellant, aromatic, lubricant, detergent or wax.

If the product needs to be installed in a location that doesn't satisfy general conditions, make sure to contact one of our service engineers about the installation as the product may encounter serious quality problems due to its environment.

This refers to locations exposed to conditions such as heavy fine dust, chemicals, high or low temperature, moisture, or when the product needs to be used continually without a break over a long time.



When not using the product for a long time, make sure to disconnect the power plug.

Heavy accumulated dust may cause electric shock or fire.

If the product has been dropped or the product casing is damaged, turn it off and disconnect the power plug.

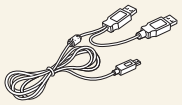
Using the product without verifying that it has not been damaged may cause electric shock or fire. Please contact a service center.

Package contents

Please check to make sure that all of the following items are included in your delivered package before using this product.

Photo frame

Power cable/ adaptor

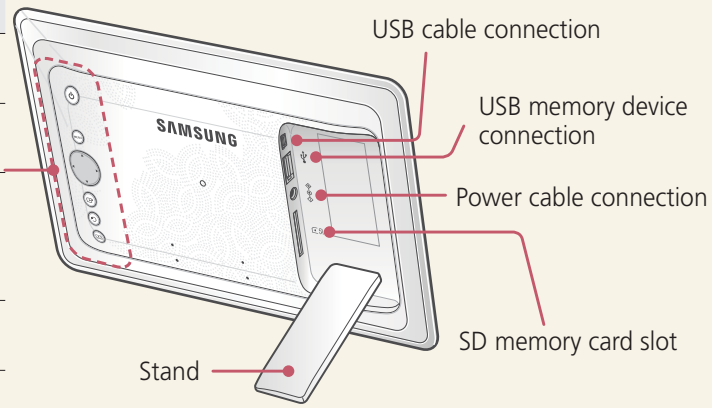

USB cable (SPF-87H)

USB cable (SPF-107H)

User Manual

Name and function of each part

Button	Description	User Manual transcription
	Turn on/ off the power	[⏻]
MENU	Start the menu	[MENU]
	Navigate the menu and options up/ down/ left/ right	[▲][▼][◀][▶]
	Select a menu or option	[↵]
	Return to the previous stage	[↩]
	Start a Slideshow	[▶]



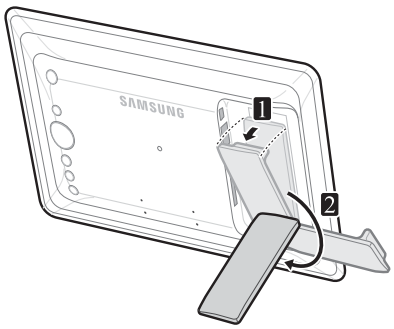
Note

If no buttons are pressed for 10 minutes or longer, the screen saver mode is automatically activated (except in <**View Mode**>).

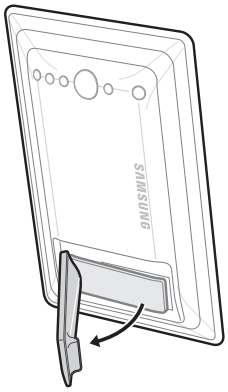
Setting up the frame

Use the frame stand in a horizontal or vertical direction according to your preference as shown in the pictures below.

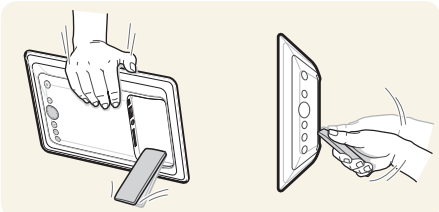
Using it in a horizontal direction



Using it in a Vertical direction

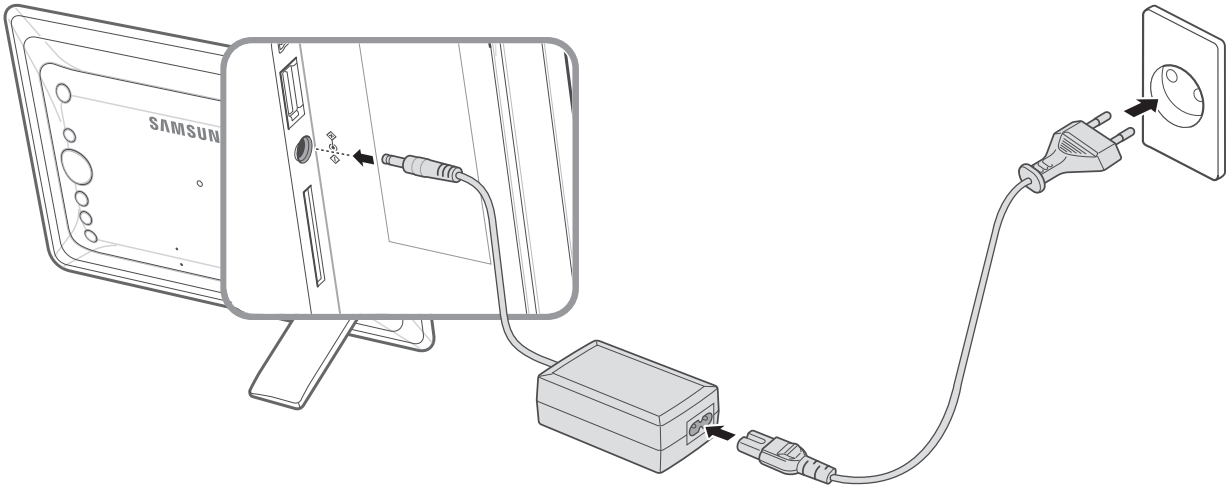


Do not apply excessive force or turn the stand in the wrong direction during setup.
This may cause damage to the stand.



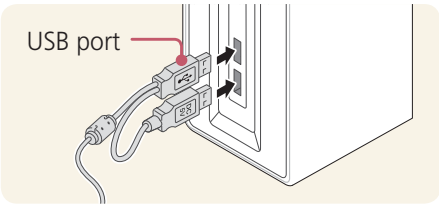
Connecting the power supply

Using the provided power cable, connect the power supply to the product.



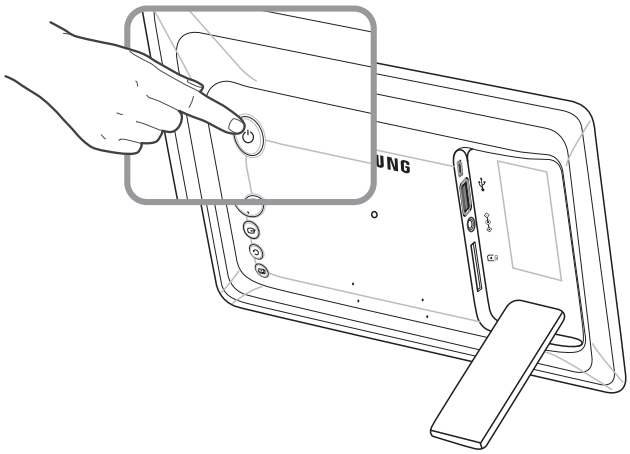
Note

The SPF-87H model can be used by connecting to a PC with just the USB cable (along with the auxiliary power cable). However, it may not operate properly if the PC's power supply is unstable. In this case, connect the power adapter



Turning on the power

Press the power [⏻] button.

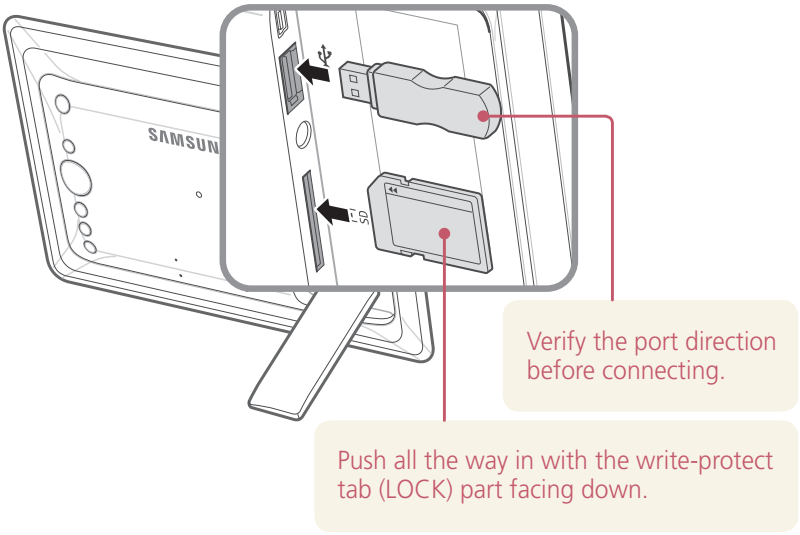


Note

When the product is turned on for the first time after purchase, the <**Quick Setup**> function will be activated. <**Language**>, <**View Mode**>, <**Slideshow Transition**>, <**Clock Set**> and <**Startup Mode**> can be set up conveniently with <**Quick Setup**>. <**Quick Setup**> will also be activated when the product is turned off and on again after selecting <**Support**>-<**Reset**> under the <**Settings**> menu.

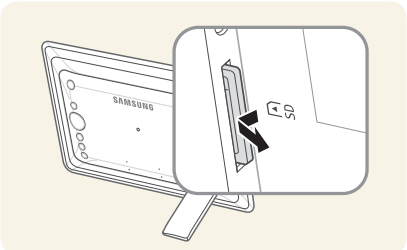
Connecting to an external memory

USB memory devices and SD memory cards can be connected.



Note

To extract the card, push the center of the card slightly, and when the card partially comes out, extract it completely.



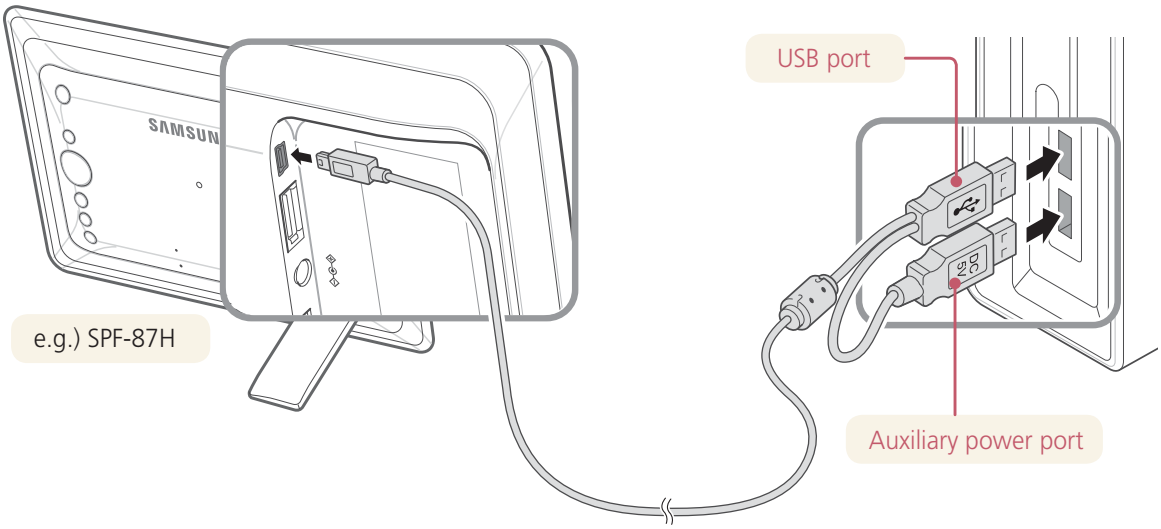
If an external memory is connected while the power is on, a slideshow showing photos saved on the external memory starts right away.

* Supported capacity for each SD memory card type

SD	Maximum 2 GB
microSD	Maximum 2 GB
miniSD	Maximum 256 MB
SDHC	Maximum 16 GB
microSDHC	Maximum 8 GB

Connecting to a PC

If you connect to a PC using the provided USB cable, you can download photos onto the frame memory of the product (➥ p.11) or use the product as the Mini Monitor (➥ p.20).



Note

- You can use the SPF-87H model by connecting it to a PC with only the USB cable. However, if the picture is lost or the screen goes blank due to power shortage, connect the additional auxiliary power cable.
- You can use the SPF-107H model by connecting it to a PC with the USB cable.

Transferring photos from the PC

Photos saved in your PC can be easily transferred to the Frame Memory of this product.

1. Connect to your PC using the USB cable.
2. Turn on the power of the PC and product.
3. Press the [◀/▶] buttons to select <**Mass Storage**>.
   - It will be recognized as a removable disk.
4. Copy the photo files you want from the PC to the recognized disk.
   - The recognized removable disk will be displayed with the model name (SPF-87H or SPF-107H). In My Computer, open the corresponding model's disk and copy the photos to the disk.
5. When copying is finished, press the [↺] button or disconnect the USB cable.

➡Transferring photos from the PC

Note

- This product comes with basic photos included on the memory. If the memory is insufficient, delete the photos that come with this product.
- A large file size (high resolution) photo occupies lots of the frame memory and slows down the preview. In this case, in stead of copying the photo file directly to the removable disk, save the photo file to an external memory and then copy the file to the frame memory. The photo can be optimally reduced to fit the photo frame and copied to the frame memory. ➥ p.16
- If the above USB connection mode selection screen doesn't appear when reconnecting after disconnection, run <**Activate USB Communication**> in <**General**> under the <**Settings**> Menu. ➥ p.25

Running and browsing the main menu

Hold down [↺] for two (2) seconds or longer, or press it repeatedly until the main menu screen appears.

Menu	Description	Note
Photos	Browse photos saved on the frame memory or an external memory, and/ or start the Photos menu.	p.15
Clock	Use as a Clock or calendar	p.19
Mini Monitor	Use as a PC screen (Mini Monitor).	p.20
Settings	Customize settings	p.22

To select a desired function

Press the [▲/▼] buttons to browse a desirable function, and then press the [⏎] button to select.

To return to the previous state

Press the [↺] button.

To switch to the Slideshow mode while browsing

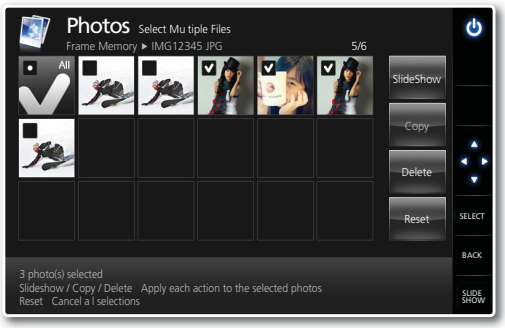
Press the [▶] button.

SlideShow

All or only the selected photos of the frame memory or external memory can be enjoyed as a Slideshow.

Note

You can enjoy photos more pleasantly with various photo effects. ➥ p.22



To play Slideshow with all photos

1. In the main menu screen ➥ P.12
2. Press the [⏎] button to select <**Photos**>.
   - The screen will switch to the photo list screen.
3. When a photo is selected, press the [⏯] button.
   - Slideshow will start from the selected photo.

To pause Slideshow

Pressing the [⏯] button will repeat playing and pausing Slideshow alternately.

To play Slideshow with selected photos

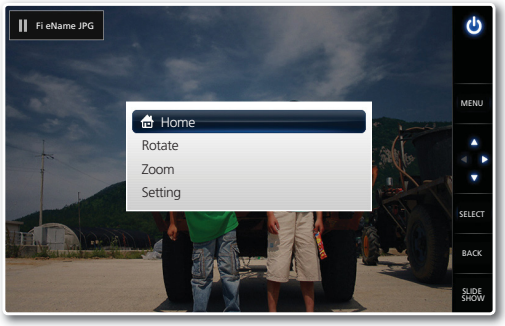
1. Press the [**MENU**] button on the photo list screen
2. Press the [▲/▼/◀/▶] buttons to select <**Select Multiple Files**>, and then press the [⏎] button.
3. Press the [▲/▼/◀/▶] and [⏎] buttons to select desired files.
   - The (✔) mark will appear on a selected file.
   - Pressing the [⏎] button will repeat selecting and deselecting alternately.
   - Press [↩] button to deselect all the selected photos.
4. Press the [▶] button to select <**Slideshow**> , and then press the [⏎] button.
   - Slideshow will play only the selected photos.

Photo list screen

A storage device ▸ Folder name ▸ File name. jpg
Photos
SD ▸ 2009 Summer ▸ FileName JPG
19/24
The current file number / the total number of files
MENU
ENTER
BACK
SLIDE SHOW
Button guide screen
The button guide screen only displays available buttons depending on the circumstances
Pressing any buttons on either the Slideshow or Clock screen will display the button guide screen.
Photo file

Rotating / zooming photos

You can rotate or enlarge a photo during Slideshow.



1. Press the [**MENU**] button during the Slideshow mode.
   - The Slideshow will be paused and the menu will appear.
2. Press the [▲/▼] buttons to select a desired item, and then press the [⏯] button.

Rotate	Original, 90°, -90°, 180°
Zoom	x1, x2, x4

Rotating photos

3. Press the [▲/▼] buttons to select a desired item, and then press the [↵] button.
   - The photo on the screen will be rotated to a selected angle.

Note

Photos only can be rotated when <**View Mode**> is in one of the following: <**Photo Only**>, <**Photo & Clock**> and <**Photo & Calendar**>. ➥ p.24

Enlarging photos

3. To view the zooming menu, press the [**MENU**] button
4. Press the [▲/▼] buttons to select a desired item, and then press the [↵] button.
   - The photo on the screen can be enlarged by either x2 or x4.
   - The enlarged photo can be moved to a desired location using the [▲/▼/◀/▶] buttons.

Note

Photos only can be enlarged when <**View Mode**> is in <**Photo Only**> or <**Photo & Clock**>. ➥ p.24

5. To resume Slideshow, press the [⏯] button.

Selecting a storage device

When an external memory (SD memory card/ USB memory device) is connected, you can select a memory to play a Slideshow from the Photos menu.

1. In the main menu screen ➥ p.12
2. Press the [◀] button to move to <**Frame Memory**>.
3. Press the [▲/▼] buttons to select a desired storage device, and then press the [⏎] button.
   - The setting will be changed to the selected storage device.
4. To switch to the Slideshow mode, press the [⏯] button.

To select another memory from the photo list

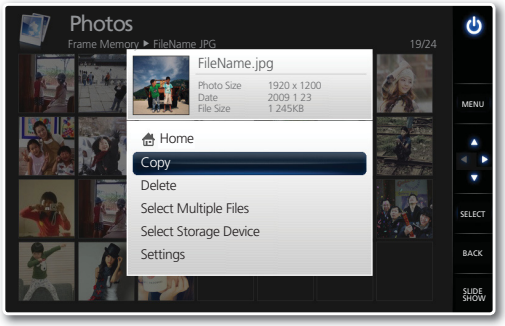
1. Press the [**MENU**] button in the photo list screen ➥ p.13
2. Press the [▲/▼] buttons to select <**Select Storage Device**>, and then press the [⏎] button.
3. Press the [▲/▼] buttons to select a desired storage device, and then press the [⏎] button.
   - A photo list will appear for the selected storage device.

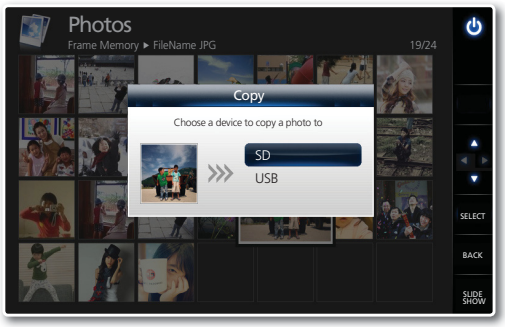
Note

- If an external memory is connected, primarily the photos saved on the connected external memory will be immediately played with the Slideshow mode.
- A storage device only can be selected when the corresponding storage device is connected.

Copying photos

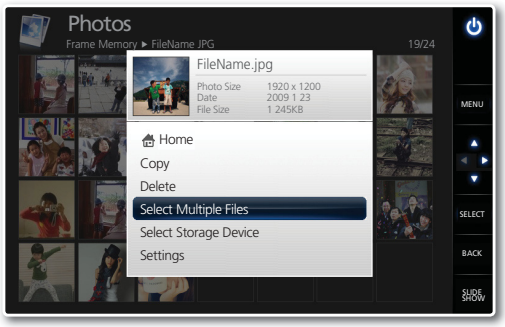
When an external memory (SD memory card/ USB memory device) is connected, you can copy photos from the external memory to the frame memory or vice-versa.

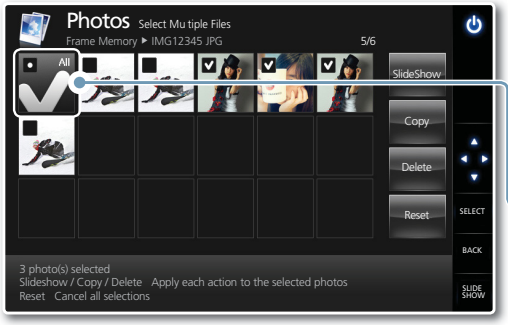


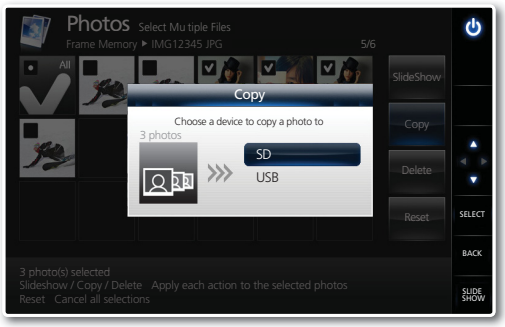


To copy a photo or folder

1. Press the [▲/▼/◀/▶] buttons in the photo list to select a photo or folder to copy, and then press the [**MENU**] button.
   - The <**Photos**> menu will appear.
2. Press the [▲/▼] buttons to select <**Copy**>, and then press the [↵] button.
3. Press the [▲/▼] buttons to select a storage device to which the photo will be copied, and then press the [↵] button.
   - The photo will be copied to the selected storage device.
   - If a folder is selected, all the photos in the folder will be copied.







To copy multiple files at one time

1. Press the [**MENU**] button in the photo list.
   - The <**Photos**> menu will appear.
2. Press the [▲/▼] buttons to select <**Select Multiple Files**>, and then press the [⏎] button
3. Press the [▲/▼/◀/▶] buttons to select a photo to copy , and then press the [⏎] button.
   - The (✔) mark will appear on a selected photo.
   - Pressing the [⏎] button will repeat selecting and deselecting alternately.
   - To deselect all photos at once, press the [↩] button.
   - Select multiple photos by repeating the above action.

Note

- To select or deselect all photos in a folder, select the [ ] image.
- Pressing the [⏎] button will repeat selecting all and deselecting all alternately.

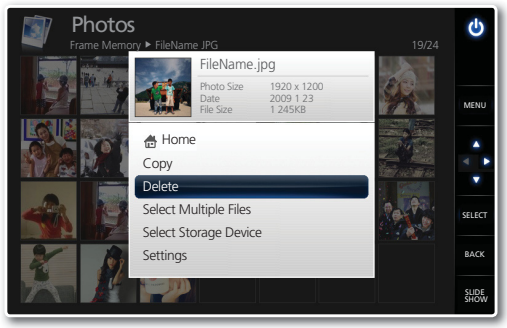
4. Press the [▶/▲/▼] buttons to select <**Copy**>, and then press the [⏎] button.
5. Press the [▲/▼] buttons to select a storage device to which the photos will be copied, and then press the [⏎] button.

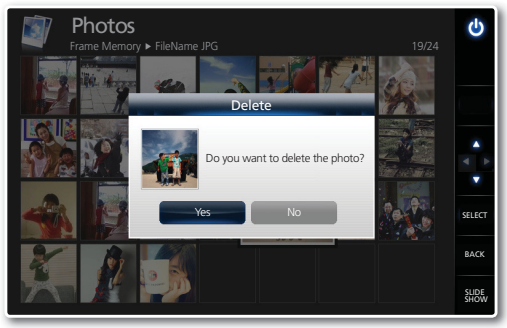
Note

- When copied the frame memory, the photos will be reduced to optimally fit the screen. To copy with an original size of photo, select <**Original size**> for <**Frame memory copy**> in <**Settings**>. ➥ p.25
- Before copying photos from the external memory (SD memory card / USB memory device) to the frame memory, select a storage device. ➥ p.15
- Photos can't be copied if capacity of the storage device is insufficient. Check available capacity of the storage device before copying.
- Do not turn off the power while copying photos. This may cause damage to the photos or product.

Deleting photos

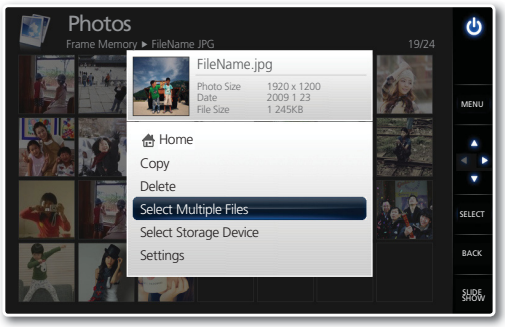
You can delete photos in the frame memory and/ or external memory (SD memory card / USB memory device).

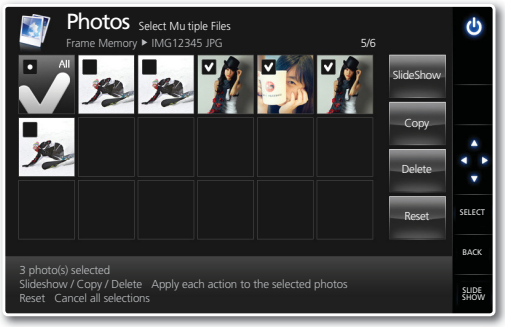


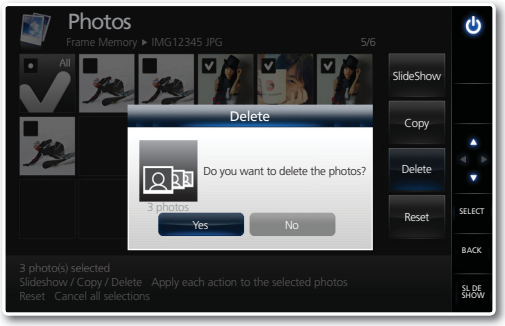


To delete a photo or folder

1. Press the [▲/▼/◀/▶]buttons in the photo list to select a photo or folder to delete, and then press the [**MENU**] button.
   - The <**Photos**> menu will appear.
2. Press the [▲/▼] buttons to select <**Delete**>, and then press the [↵] button.
3. Press the [▲/▼] buttons to select <**Yes**>, and then press the [↵] button.
   - The selected photo or folder will be deleted.







To delete multiple files at one time

1. Press the [**MENU**] button in the photo list.
   - The <**Photos**> menu will appear.
2. Press the [▲/▼] buttons to select <**Select Multiple Files**>, and then press [⏎].
3. Press the [▲/▼/◀/▶] buttons to select a photo to delete, and then press [⏎].
   - The (✔) mark will appear on a selected photo.
   - Pressing the [⏎] button will repeat selecting and deselecting alternately.
   - To deselect all the selected photos, press the [↩] button.
   - Select multiple photos by repeating the above steps.
4. Press the [▶/▲/▼] buttons to select <**Delete**>, and then press the [⏎].
5. Press the [▲/▼] buttons to select <**Yes**>, and then press the [⏎] button.
   - Only the selected photos will be deleted.

Note

- Before deleting photos from the external memory (SD memory card/ USB memory device), select a storage device. ➥ p.15
- Do not turn off the power while deleting photos. This may cause damage to the photos or to the product.

* Clock Display

Using as a clock display

You can use the photo frame as a desk clock.

1. In the main menu screen ➥ p.12
2. Press the [▲/▼] buttons to select <**Clock**>,and then press the [⏎] button.
   - The clock screen will appear.
   - The current time which has been set in <**Settings**>-<**Clock**> will appear.

Note

- You can select a date/ time display format and a clock type in <**Clock**> under the <**Settings**> menu.
- Leaving the power adapter disconnected for long hours may delete the predetermined current time information. Keep the power adapter connected.

Using as a PC screen (Mini Monitor)

You can use the photo frame as a Mini Monitor (secondary monitor) by connecting it to your PC after installing the Frame Manager program onto the PC.

To use the product as a Mini Monitor, you must install the Frame Manager program onto your PC.

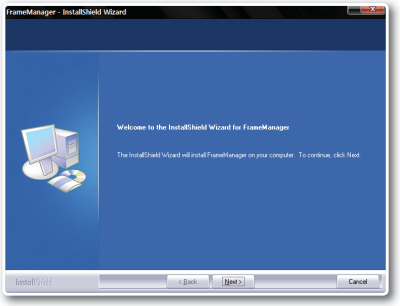
For more information about downloading Frame Manager or using as a Mini Monitor, visit the Samsung Electronics homepage (http://samsung.com) and search for the corresponding model name (SPF-87H or SPF-107H).

Recommended minimum OS requirements for using the fame as a Mini Monitor	
OS	Windows XP SP2, Vista(32bit)
USB	Extended Host Controller(EHCT) for USB 2.0
RAM	256MB or higher
CPU	2.4GHz or higher

Note

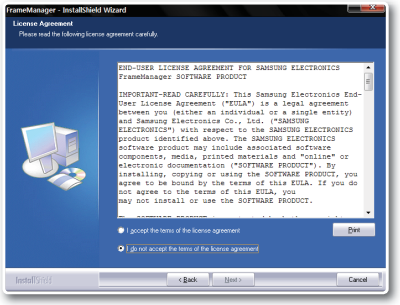
- The photo frame may not operate normally if the performance of your PC is lower than the recommended requirements.
- Ensure you use Windows XP with Service Pack 2 installed.
  It may not operate with any operating systems other than Windows XP Service Pack 2. We are not liable for any problems caused by the user's disregard of this instruction.

Installing the Frame Manager Program

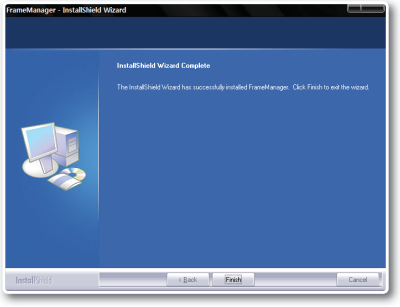

FrameManager - InstallShield Wizard
Welcome to the InstallShield Wizard for FrameManager
The InstallShield Wizard will install FrameManager on your computer. To continue, click Next.
< Back
Next >
Cancel

1 Click to run the downloaded Frame Manager installation file.

2 Click 'Next.'


FrameManager - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
END-USER LICENSE AGREEMENT FOR SAMSUNG ELECTRONICS
FrameManager SOFTWARE PRODUCT
IMPORTANT-READ CAREFULLY: This Samsung Electronics End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Samsung Electronics Co., Ltd. ("SAMSUNG ELECTRONICS") with respect to the SAMSUNG ELECTRONICS product identified above. The SAMSUNG ELECTRONICS software product may include associated software components, media, printed materials and "online" or electronic documentation ("SOFTWARE PRODUCT"). By installing, copying or using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, you may not install or use the SOFTWARE PRODUCT.
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
< Back
Next >
Cancel

3 Select 'I accept the term of the liscense agreement.(A),' and then click 'Next'.
- Follow the on-screen instructions for installation.


FrameManager - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed FrameManager. Click Finish to exit the wizard.
< Back
Finish
Cancel

4 If you reboot your computer, the installation will be completed and the Frame Manager ( ) icon will appear at the bottom right corner of the screen.

Note

Before reinstalling the Frame Manager program, ensure you delete the existing Frame Manager program and reboot the PC.

Connecting to a PC

1. Connect the product to your PC using the provided USB cable. ➥ p.11
   - The <**USB Communication**> screen will appear.
2. Press the [◀/▶] buttons to select <**Mini Monitor**>, and then press the [⏎] button.
   - It will switch to Mini Monitor.

Note

- You can select <**Mini Monitor**> either in the main menu or in <**General**>-<**Activate USB Communication**> under the <**Settings**> menu.
- If you select <**Mini Monitor**> with no Frame Manager program installed, after a short while (10 sec.), the screen will switch to the Mini Monitor installation guide screen.

Switching to Mini Monitor or Mass Storage

Option 1. **Switching on PC**

1. Right click over the Frame Manager icon ( ) located at the bottom of your PC screen.
2. Select <**Mass Storage**> or <**Mini Monitor**>.

Option 2. **Switching on Photo Frame**

1. Press the [**MENU**] button on the photo frame.

   It will switch to <**Mass Storage**> or < **Mini Monitor**>

Note

- Pressing the [↩] button will switch to the photo frame mode.
- You can adjust the brightness while using Mini Monitor by pressing the [▲/▼] buttons.

Note

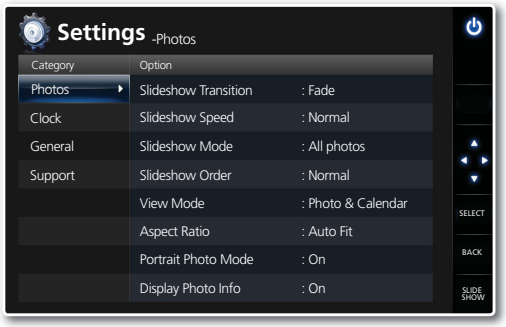
- You can only use one secondary monitor.
- Do not use the Mini Monitor as a primary monitor. The screen may go blank.
- Ensure you use the provided USB cable to connect to your PC.
- Move the program used with the Mini Monitor to a primary monitor after use.
- The Mini Monitor may not function properly with some video cards.
  In this case, set the hardware acceleration to None.

To set the hardware acceleration to None, right-click on the Windows Desktop and proceed as follows;	
Windows XP	Properties ➥ Display Properties ➥ Settings ➥ Advanced ➥ Troubleshoot ➥ Hardware Acceleration ➥ None
Windows Vista	Personal Settings ➥ Display Properties ➥ Advanced Settings ➥ Troubleshoot ➥ Change Settings

- The Aero effect under Windows Vista is not applicable while using the photo frame as a Mini Monitor.
- The Mini Monitor functions may not work properly if the driver of the video card is updated when Frame Manager is already installed. In this case, after uninstalling, reinstall the Frame Manager program.
- If you use the rotate function of the Frame Manager, the location of the currently set Mini Monitor can be changed. Even if the rotate function is used, the monitor will not appear to be rotated on 'Display Properties.'

Photo Settings

You can enjoy photos more pleasantly with various effects and settings.



1. In the main menu screen ➥ p.12
2. Press the [▲/▼] buttons to select <**Settings**>, and then press the [⏎] button.
   - The <Settings> menu will appear.
3. Press [⏎] to select <**Photos**>.
4. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The sub-menu of the selected item will appear.
5. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The setting will be changed to the selected item.

Photo settings menu

Slideshow Transition	Select a desired Slideshow Transition. ➥ p.23
Slideshow Speed	Select from <**Fast**>-<**Normal**>-<**Slow**>. Note A photo with a file size too large may not be played at the predetermined speed.
Slideshow Mode	· <**All Photos**>: Allows you to view all photos saved in the memory as a Slideshow. · <**Photos in folder**>: Allows you to view only the photos in a selected folder as a Slideshow. · <**One photo**>: Allows you to view only one selected photo as a Slideshow.
Slideshow Order	Select between <**Normal**>-<**Shuffle**>.
View Mode	Select a desired View Mode. ➥ p.23
Aspect Ratio	· <**Original Fit**>: Displays photos smaller than the screen in their original sizes and resizes photos larger than the screen in direct proportion to the screen size. · <**Auto Fit**>: Resizes photos in direct proportion to the screen size. · <**Fit to Width**>: Resizes photos to fit the width of the screen.
Portrait Photo Mode	· <**Off**>: Displays photos in their original sizes. · <**On**>: Automatically rotates photos that are positioned vertically horizontally (90°) to fit the screen.
Display Photo Info	Determine whether or not to display the file name and creation date of a photo (available only by using the PREV/ NEXT operations). · <**Off**>: Displays no photo info. · <**On**>: Displays the file name and the creation date of a photo.

Slideshow Transition

Note The selected <**Slideshow Transition**> will be applied only when <**View Mode**> is in <**Photo Only**> or <**Photo & Clock**>. Only the <**Fade**> effect will be applied in other types of <**View Mode**>.

<No Effect>

<Fade>

<Blinds>

<Cross Comb>

<Mosaic>

<Checkerboard>

<Dissolve>

<Wipe>

<Extend>

<Silk>

<Corner Transition>

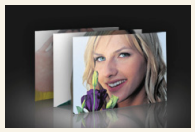
<Wheel>

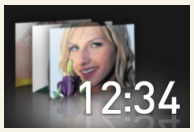
<Ellipse>

<Random>

View Mode

Note You can select various effects during the Slideshow mode by pressing the [⧉] button.

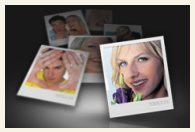

<Photo Only>



<Photo & Clock>

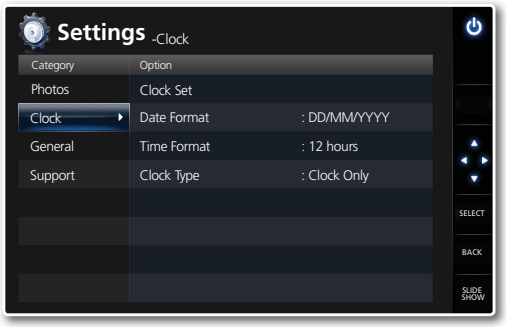
<Photo & Calendar>

<Multiview 1>


<Multiview 2>

Clock Settings

You can set the current time and also display the time in various formats and types.



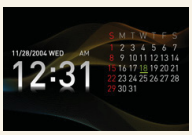
1. In the main menu screen ➥ P.12
2. Press the [▲/▼] buttons to select <**Settings**>, and then press the [⏎] button.
   - The <Settings> menu will appear.
3. Press the [▲/▼] buttons to select <**Clock**>, and then press the [⏎] button.
   - The <Clock> menu will appear.
4. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The sub-menu of the selected item will appear.
5. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The setting will be changed to the selected item.
   - For <**Clock Set**>, set the time using the [▲/▼/◀/▶] buttons.

Clock Settings Menu

Clock Set	Set the current time.
Date Format	Select a date display format. · <**YYYY/MM/DD**>: Year/ Month/ Day · <**MM/DD/YYYY**>: Month/ Day/ Year · <**DD/MM/YYYY**>: Day/ Month/ Year
Time Format	Select a time display format. · <**12 Hours**>-<**24 Hours**>
Clock Type	Select a clock display format. · <**Clock Only**>-<**Clock & Calandar**>

Clock Type

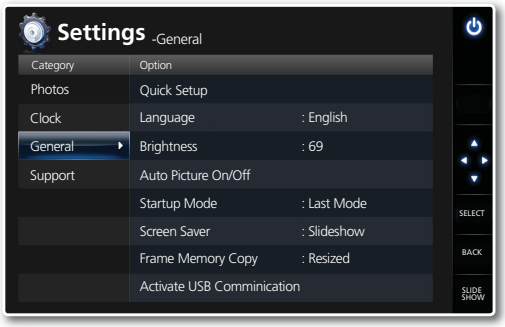
<Clock Only>



<Clock & Calandar>

General

Customize the product's general settings.



1. In the main menu screen ➥ P.12
2. Press the [▲/▼] buttons to select <**Settings**>, and then press the [⏎] button.
   - The <Settings> menu will appear.
3. Press the [▲/▼] buttons to select <**General**>, and then press the [⏎] button.
   - The <General> settings menu will appear.
4. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The sub-menu of the selected item will appear.
5. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The setting will be changed to the selected item.

General settings menu

Quick Setup	Conveniently customize your frequently used functions. Set in the order of <**View Mode**>-<**Slideshow Transition**>-<**Startup Mode**>-<**Clock Set**>.
Language	Set the language for menu display.
Brightness	Adjust the brightness of the LCD screen using a scale from 0 to 100.
Auto Picture On/Off	Set the screen to automatically turn on/off at a certain time.
Startup Mode	Select the mode that runs when the power is turned on. · <**Home**>: Displays the main menu on the screen. · <**Last Mode**>: Displays the last mode used on the screen. · <**Slideshow**>: Starts a Slideshow. Note But the passage information inside a storage device is not saved.
Screen Saver	If there's no operation on the buttons for 10 minutes, then the product will switch to the predetermined screen saver mode. · <**Slideshow**> / <**Clock**> Note If there are no photos for Slideshow, it will work as Clock.
Frame Memory Copy	Set the size of photos to be copied to the frame memory. · <**Original Size**>: Copies a photo to the frame memory without changing the original size. · <**Resized**>: Copies a photo after reducing it to fit the optimum resolution of the screen.
Activate USB Communication	Select a function to use while connected to a PC with a USB cable. · <**Mini Monitor**>: Use the frame as a Mini Monitor (secondary monitor). · <**Mass Storage**>: Use as a removable disk of a PC. · <**Photo Frame**>: Use as Photo Frame

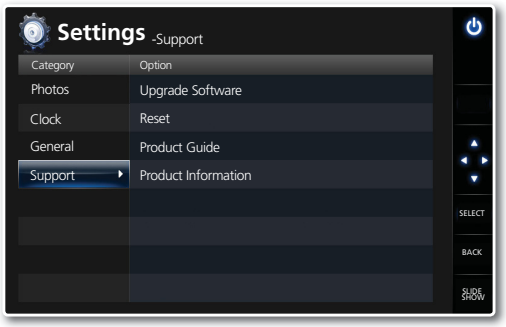
Note

- When the screen turned off by the Auto Picture On/Off function, pressing any button other than the [⏻] button will turn on the screen.
- When used as Mass Storage (mass storage device) or Mini Monitor by connecting to a PC with a USB cable, the screen doesn't turn off even at Off time (<**Auto picture On/ Off**>).

* Settings

Support

You can check contents related to the usage of the product and/ or reset menus, etc. that the user has set to the default settings.



1. In the main menu screen ➥ P.12
2. Press the [▲/▼] buttons to select <**Settings**>, and then press the [⏎] button.
   - The <**Settings**> menu will appear.
3. Press the [▲/▼] buttons to select <**Support**>, and then press the [⏎] button.
   - The <**Support**> menu will appear.
4. Press the [▲/▼] buttons to select a desired item, and then press the [⏎] button.
   - The sub-menu of the selected item will appear.
5. Press the [▲/▼] buttons to select desired item, and then press the [⏎] button.
   - The setting will be changed to the selected item.

Support Menu

Upgrade Software	Upgrade software. ➥ p. 29
Reset	Set the menu options configured by the user to the default settings (except for the time and language settings).
Product Guide	View information on the buttons, selecting storage device and <**Slideshow**>-<**View Mode**>
Product Information	Verify the model, firmware version, frame memory and copyright.

Note

<**Reset**> doesn't influence saved files.

Checklist before requesting service

If the product doesn't operate properly, first check the following items.
If the problem still persists, contact or visit the nearest Samsung service center.

Troubles	Solutions
The power won't switch on.	Ensure that the power cable is correctly connected.
Spots which look like light leaking can be seen on the edges of the clock screen.	Black LCD panel screens by nature can have this effect, which is not a defect.
The time setting is wrong.	The current time setting can be erased if the power adaptor is disconnected for a prolonged period of time. Keep the power adaptor connected.
It takes a long time for images to be displayed after the power has been turned on. It takes a long time to move from one image to the next.	It is recommended to reduce the picture resolution.
I can't copy more files even when there is excess capacity to use in the internal memory.	You may be unable to copy files if the FAT section of the internal memory is damaged. Try again after formatting the internal memory.
I've connected an external memory device (USB memory device or SD memory card) but it doesn't work.	· SPF-87H can be used by connecting the power adapter instead of the USB cable. · Ensure that the external memory device has been connected properly or try formatting it. · Ensure that JPEG files are saved in the external memory device. · Abnormal picture files (0 Kbyte, broken JPEG) will not be displayed on the screen. · The connected external memory device is not supported. Try another storage device.
Vertical pictures are displayed horizontally.	Ensure that the <**Portrait Photo Mode**> option is set correctly in <**Settings**>-<**Photos**>.
JPEG files are not displayed.	· Progressively saved JPEG files or JPEG files saved as CMYK color coordinates will not be displayed. · Images edited by a JPEG image editor (Photoshop, Paintshop, etc.) may not be displayed normally. Edit the image on a PC, convert back to JPEG format, save, and try again.
Some pictures are not displayed as a Slideshow.	This product can accommodate a maximum of 4,000 pictures. Any excess pictures will not be recognized and will not be displayed as a Slideshow.

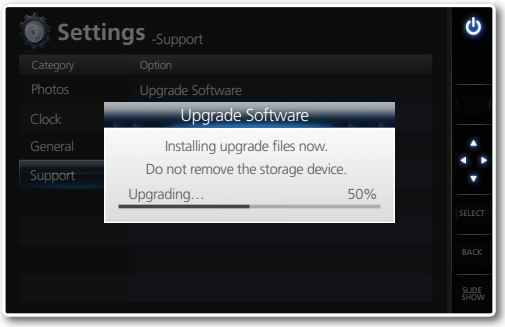
Troubles	Solutions
The picture size changes when I rotate it.	The picture size changes automatically depending on the rotation angle (90°, -90°) in order to display the entire image on the screen.
The picture looks stretched horizontally or vertically.	Press [**MENU**] on the Slideshow screen. Go to <**Settings**>-<**Photos**>-<**Aspect Ratio**> and change the setting to <**Original Fit**> and check again.
Previews are too slow.	Previews may be slow for large-sized images and multiple images.
Slideshow Transition is displayed when I have saved only one picture I want in the memory card or when I pause the Slideshow with multiple pictures saved in the memory card.	The Slideshow Transition will be displayed automatically in order to protect the panel. This is not an error.
In what order are the pictures, which are saved in the memory card, displayed?	They are arranged according to the file names. The slide show display order is determined in the order of number, upper-case letter, and lower-case letter. Please note that a file name of up to only 25 characters can be recognized.
The Slideshow doesn't start automatically.	Ensure that the <**Startup Mode**> is set to <**Slideshow**> in <**Settings**>-<**General**>.
I have set <**Auto Picture On/Off**> but the screen doesn't switch on automatically.	· Ensure that the current time has been set correctly. · The screen will not switch on automatically if you have turned the digital frame off by pressing [⏻] when <**Auto Picture On/Off**> has been set. The screen switches on automatically only if the power has been switched off automatically at the Auto Picture Off time.
The pictures I copied from a USB memory or SD card onto the internal memory have changed in resolution and file size.	This product is designed to reduce the file size of high-resolution pictures to fit the screen's ideal resolution when they are copied onto the internal memory. If you want to disable the settings, you can change to the original size by selecting <**Settings**>-<**General**>-<**Frame Memory Copy**>.
The digital frame is not recognized as a removable disk when I connect it to a PC with the USB cable.	The SPF-87H has 2 USB connectors. You must connect the USB connector [⇄] because the digital frame will not be recognized as a removable disk if only the auxiliary power (DC 5V) connector is connected to a PC.

Software Upgrade

You can download and install the latest software from Samsung Electronics homepage.

While Upgrade Software is in progress, pay attention to the following.

- Do not remove the USB memory device or SD card.
- Do not turn off the product's power.
- Do not press any buttons on the product.
- Do not insert any another card.



Before Upgrade Software !

1. Prepare a USB memory device or SD card.
2. Download current software for the corresponding model from Samsung Electronic Homepage.
3. Connect the USB memory device or SD Card to your PC.
4. Copy downloaded software to the USB Memory device or SD card.

To Upgrade Software

1. Connect the USB memory device or SD card with current software to the product.
2. In the main menu screen ➥ p.12
3. Press the [▲/▼] buttons to select <**Settings**>, and then press the [↵] button.
   - The <Settings> menu will appear.
4. Press the [▲/▼] buttons to select <**Support**>, and then press the [↵] button.
   - The <Support> menu will appear.
5. Press the [↵] button to select <**Upgrade Software**>.
   - The setting will be changed to the selected item.
6. Press the [▲/▼] buttons to move to an external memory where current software is saved, and then press the [↵] button.
   - Upgrade will start.

Note

- When upgrade is finished, turn off the power and remove the USB memory device or SD card, and then turn on the power again.
- You can check whether or not the firmware has been updated to the latest version in <Settings>-<Support>-<Product information>.

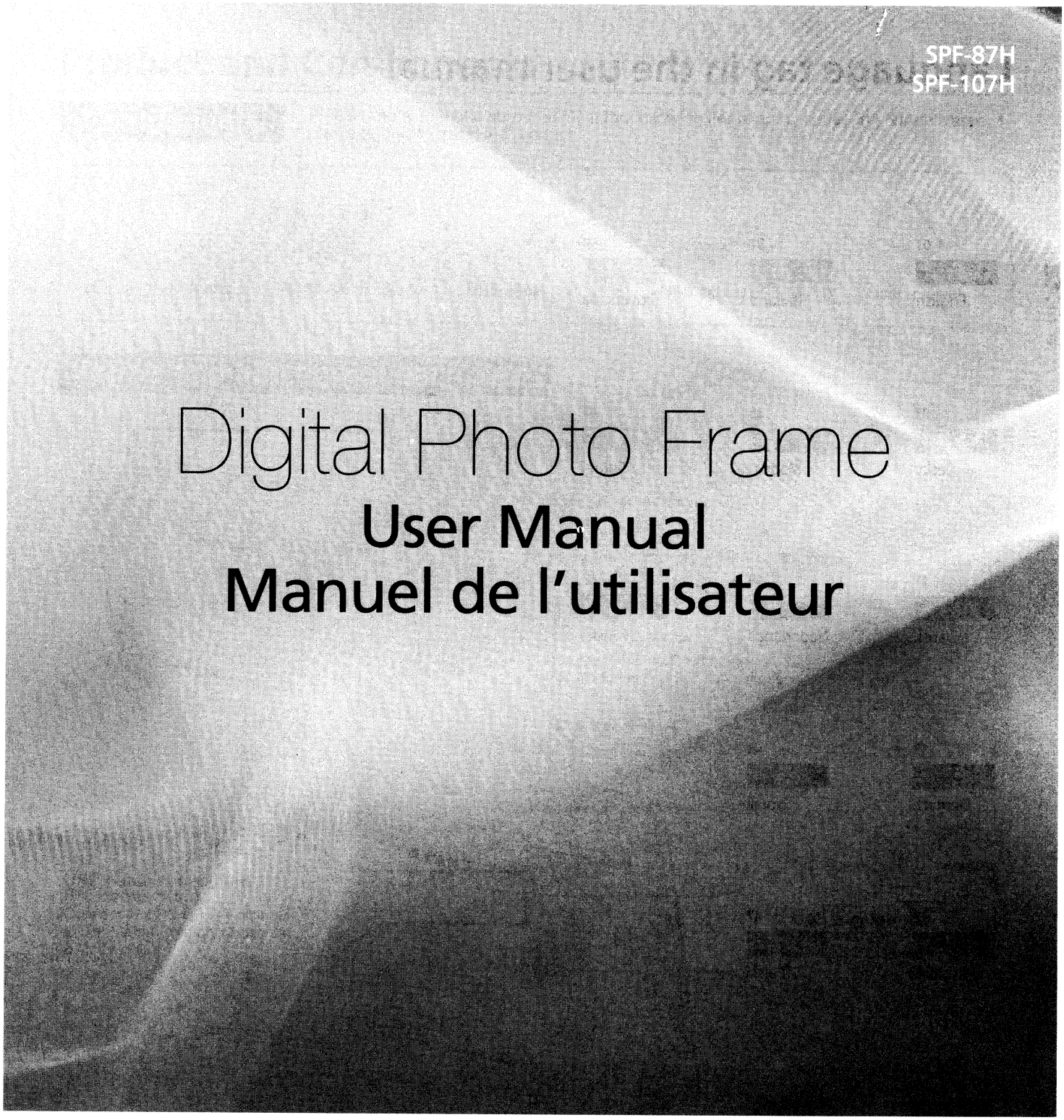
Product Specifications

Classification		Details	
Model name		SPF-87H	SPF-107H
Panel	Type	8″ TFT LCD	10″ TFT LCD
	Resolution	800 x 480	1024 x 600
Supported format		JPEG · Progressive or CMYK type pictures are not supported. · It can only recognize up to 4,000 photos. · Only a photo with a resolution less than 8000 (Horizontal) *8000 (Vertical) pixel can be played.	
Internal memory		1 GB	
USB		Host (USB 2.0) / Device (USB 2.0)	
Power supply	Rating	External DC power supply device (12 V)	
	Power consumption	General : 5.3 W Power off : Under 1 W	General : 5.9 W Power off : Under 1 W
General	Size (Width x height x depth)	236.0 x 159.4 x 23.0 mm 9.3 x 6.3 x 0.9 inch	280.0 x 188.0 x 23.0 mm 11.0 x 7.4 x 0.9 inch
	Weight	500 g (1.1 lbs)	600 g (1.3 lbs)

This device is a Class B digital apparatus.

Note

The product design may differ according to the model, and specifications are subject to change without prior notice for product performance enhancement.



Digital Photo Frame

User Manual
Manuel de l'utilisateur

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register your product at
www.samsung.com/register
Model_____Serial No._____

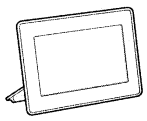
Merci d'avoir acheté un produit Samsung.
Pour obtenir un service complet, veuillez enregistrer votre produit à:
www.samsung.com/register
Modèle_____N° de série_____

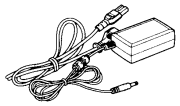
SAMSUNG

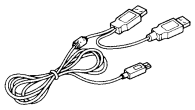
Product and Components

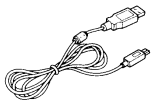
Components

Please check to make sure that all of the following items are included in your delivered package before using the product.


Digital photo frame

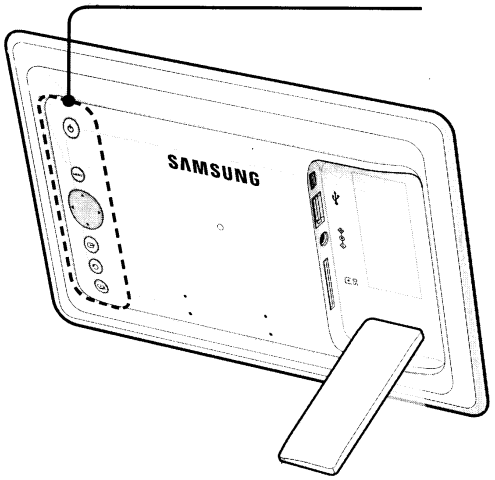

Power cable/adaptor


USB cable (SPF-87H)


USB cable (SPF-107H)

User manual

Name and function of each part



Turns power on and off.

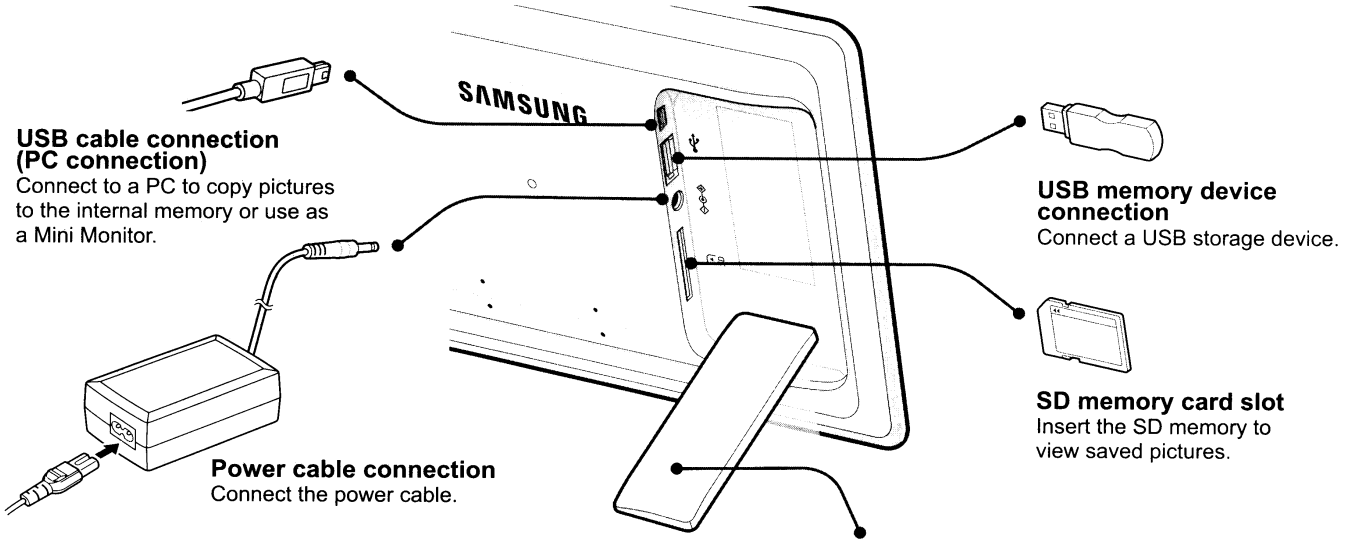
MENU Opens or closes the menu.

Navigates or changes options on the menu.

Selects an option on the menu.

Returns to the previous stage.
(Moves to the main screen if pressed for 2 seconds.)

Starts a slide show.



USB cable connection (PC connection)
Connect to a PC to copy pictures to the internal memory or use as a Mini Monitor.

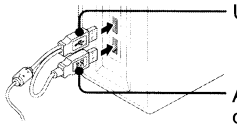
Power cable connection
Connect the power cable.

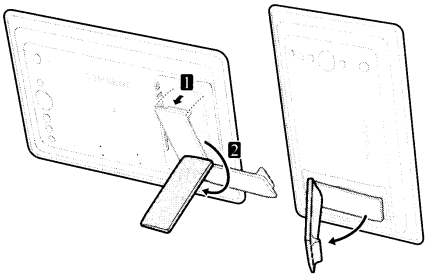
USB memory device connection
Connect a USB storage device.

SD memory card slot
Insert the SD memory to view saved pictures.

Digital photo frame stand

SPF-87H can be used by connecting to a PC via the USB cable (along with the auxiliary power cable).
However, it may not operate properly if the power supply in your PC is unstable. In this case, connect the power adapter.





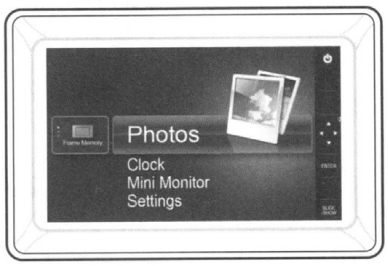
Do not apply excessive force or turn the stand in the wrong direction during setup. This can cause damage to the stand.

Using the Digital Frame

Viewing pictures

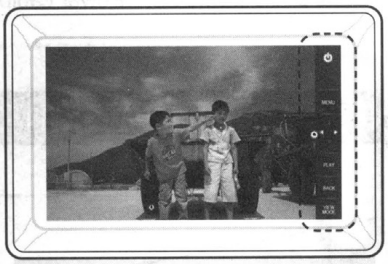
Pictures saved in the product's internal memory or an external memory device can be viewed in a wide range of options.
Only an SD memory card or USB memory device can be used as an external memory device.
A wide range of effects can be applied to pictures through the menu. Refer to the following page for menu options.

Press [⏎].



Use [▲,▼,◄,►] to move to the picture you want and press [⏎].

A slide show begins from the picture you selected.



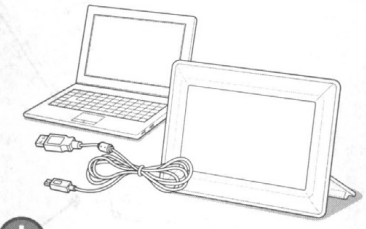
If you press any button, the button guide will appear at the right hand side of the screen.
The available button indication may differ depending on the situation.

If you press the [MENU] button during a slide show, the <Home>, <Rotate>, <Zoom>and <Settings> menus will appear.
- To use <Rotate> and <Zoom>, <View Mode> in the <Settings> menu must be set as <Photo Only> or <Photo & Clock>.
- Only the <Rotate> function is supported when using <Photo & Calendar>.

Using as a Mini Monitor

Connect the digital frame to a PC with the USB cable to use as a Mini Monitor.

Connect the digital frame to a PC with the USB cable to use as a Mini Monitor (aux. monitor). **You must install Frame Manager on your PC in order to use the product as a Mini Monitor.**
Log on to http://samsung.com/ to download Frame Manager and for instructions on using the product as a Mini Monitor.
Only one auxiliary monitor can be used at a time.



PC requirements for use as a Mini Monitor

- OS: Windows XP SP2, Vista(32bit)
- USB: Extended Host Controller(EHCT) USB 2.0 supported
- RAM: 256MB or higher
- CPU: 2.4GHz or higher

Firmware update

Download and install the latest firmware from the Samsung Electronics homepage.

Preparations for firmware update

- Digital photo frame
- Firmware file for update
- USB memory or SD card

1. Log on to http://samsung.com/ and enter the model name in the search field. (SPF-87H or SPF-107H)
2. Download and decompress the appropriate firmware.
3. Copy the decompressed ***.isp file to the SD card or USB memory device and connect to the digital frame.
4. Select <Settings> - <Support> - < Upgrade Software> with the buttons on the back of the product. The firmware is updated.
   When the update is finished, turn the digital frame off, remove the external memory device (SD card/USB memory device), and turn the digital frame on again.
   You can check if the firmware version has been updated in <Settings> - <Support> - <Product Information>.

Menu Options

Use the buttons on the back of the product to set various functions to your preferences.

Home	Moves to the main screen
Copy	If an external memory device (SD memory card/ USB memory device) is connected to the product, • Copies pictures in an external memory device to the internal memory • Copies pictures in the internal memory to an external memory device
Delete	Deletes pictures in the internal memory or an external memory device
Select Multiple Files	Selects multiple files to run functions like slide show, copy, delete, etc.
Select Storage Device	If an external memory device (SD memory card/USB memory device) is connected to the product, • Select the internal memory or an external memory device (SD memory card/USB memory device)
Settings	

The current time configured in <Settings> - <Clock> is displayed. The current time setting can be erased if the power adaptor is disconnected for a prolonged period of time. Please keep the power adapter connected.

Connect the digital frame to a PC with the USB cable to use as a Mini Monitor.

Photos	Slideshow Transition	Sets the slide show effects • No Effect / Fade / Blinds / Cross Comb / Mosaic / Checkerboard / Dissolve / Wipe / Extend / Silk / Corner Transition / Wheel / Ellipse / Random
	Slideshow Speed	Sets the slide show speed • Fast / Normal / Slow Images of large file sizes may not be displayed at the currently configured slideshow speed.
	Slideshow Mode	• All Photos / Photos in folder / One photo
	Slideshow Order	Sets the slide show order • Normal / Shuffle
	View Mode	Sets the slide show display mode • Photo Only / Photo & Clock / Photo & Calendar / Multiview 1 / Multiview 2
	Aspect Ratio	• Original Fit: A picture smaller than the screen is displayed in its original size and a picture bigger than the screen size is reduced in direct proportion to the screen size. • Auto Fit: Fits the picture in direct proportion to the screen size • Fit to Width: Fits the picture to the screen's horizontal width
	Portrait Photo Mode	Reduces a vertical picture to fit the screen
	Display Photo Info	Displays a picture's file name and date of creation
Clock	Clock Set	Sets the current time
	Date Format	Select the month, year, day display mode (YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY)
	Time Format	Selects the time display mode (12 hours, 24 hours)
	Clock Type	Selects the clock display mode (Clock Only, Clock & Calendar)
General	Quick Setup	Easy settings for frequently used functions (View Mode, Slideshow Transition, Clock Set, and Startup Mode)
	Language	Selects the OSD (on-screen display) language
	Brightness	Adjusts the screen brightness
	Auto Picture On/Off	Sets the screen to automatically turn on and off at certain times
	Startup Mode	Selects the screen to be displayed when the digital frame is switched on • Home / Last Mode / Slideshow
	Screen Saver	If there is no button operation for 10 minutes, the currently configured screensaver will appear. • Slideshow / Clock
	Frame Memory Copy	• Original Size: Copies an original file as is • Resized: Matches the screen's optimal resolution by reducing the file size and then copies.
	Activate USB Communication	Selects the recognition mode to be used when the digital frame is connected to a PC with a USB cable Use as a removable disk or Mini Monitor Use as a digital photo frame
Support	Upgrade Software	Updates the firmware
	Reset	Resets user-customized menu options to default (Time setting and screen language setting excluded)
	Product Guide	Product functions guide
	Product Information	Displays product model name, firmware version, internal memory and copyrights

Troubleshooting

Check the below table first when a malfunction is suspected.

Symptoms and questions	Causes and corrections
The power won't switch on.	Ensure that the power cable is correctly connected.
Spots which look like light leaking can be seen on the edges of the clock screen.	Black LCD panel screens by nature can have this effect, which is not a defect.
The time setting is wrong.	The current time setting can be erased if the power adaptor is disconnected for a prolonged period of time. Keep the power adaptor connected.
It takes a long time for images to be displayed after the power has been turned on. It takes a long time to move from one image to the next.	It is recommended to reduce the picture resolution.
I can't copy more files even when there is excess capacity to use in the internal memory.	You may be unable to copy files if the FAT section of the internal memory is damaged. Try again after formatting the internal memory.
I've connected an external memory device (USB memory device or SD memory card) but it doesn't work.	• SPF-87H can be used by connecting the power adapter instead of the USB cable. • Ensure that the external memory device has been connected properly or try formatting it. • Ensure that JPEG files are saved in the external memory device. • Abnormal picture files (0 Kbyte, broken JPEG) will not be displayed on the screen. • The connected external memory device is not supported. Try another storage device.
Vertical pictures are displayed horizontally.	Ensure that the <Portrait Photo Mode> option is set correctly in <Settings> - <Photos>.
JPEG files are not displayed.	• Progressively saved JPEG files or JPEG files saved as CMYK color coordinates will not be displayed. • Images edited by a JPEG image editor (Photoshop, Paintshop, etc.) may not be displayed normally. Edit the image on a PC, convert back to JPEG format, save, and try again.
Some pictures are not displayed as a slideshow.	This product can accommodate a maximum of 4,000 pictures. Any excess pictures will not be recognized and will not be displayed as a slide show.
The picture size changes when I rotate it.	The picture size changes automatically depending on the rotation angle (90°, -90°) in order to display the entire image on the screen.
The picture looks stretched horizontally or vertically.	Press [MENU] on the slide show screen. Go to <Settings> - <Photos> - <Aspect Ratio> and change the setting to <Original Fit> and check again.
Previews are too slow.	Previews may be slow for large-sized images and multiple images.
Slide show effects are displayed when I have saved only one picture I want in the memory card or when I pause the slide show with multiple pictures saved in the memory card.	The slide show effects will be displayed automatically in order to protect the panel. This is not an error.
In what order are the pictures, which are saved in the memory card, displayed?	They are arranged according to the file names. The slide show display order is determined in the order of number, upper-case letter, and lower-case letter. Please note that a file name of up to only 25 characters can be recognized.
The slide show doesn't start automatically.	Ensure that the <Startup Mode> is set to <Slideshow> in <Settings> - <General>.
I have set <Auto Picture On/Off> but the screen doesn't switch on automatically.	• Ensure that the current time has been set correctly. • The screen will not switch on automatically if you have turned the digital frame off by pressing [⏻] when <Auto Picture On/Off> has been set. The screen switches on automatically only if the power has been switched off automatically at the Auto Picture Off time.
The pictures I copied from a USB memory or SD card onto the internal memory have changed in resolution and file size.	This product is designed to reduce the file size of high-resolution pictures to fit the screen's ideal resolution when they are copied onto the internal memory. If you want to disable the settings, you can change to the original size by selecting <Settings> - <General> - <Frame Memory Copy>.
The digital frame is not recognized as a removable disk when I connect it to a PC with the USB cable.	The SPF-87H has 2 USB connectors. You must connect the USB connector [⇐⇒] because the digital frame will not be recognized as a removable disk if only the auxiliary power (DC 5V) connector is connected to a PC.

Product Specifications

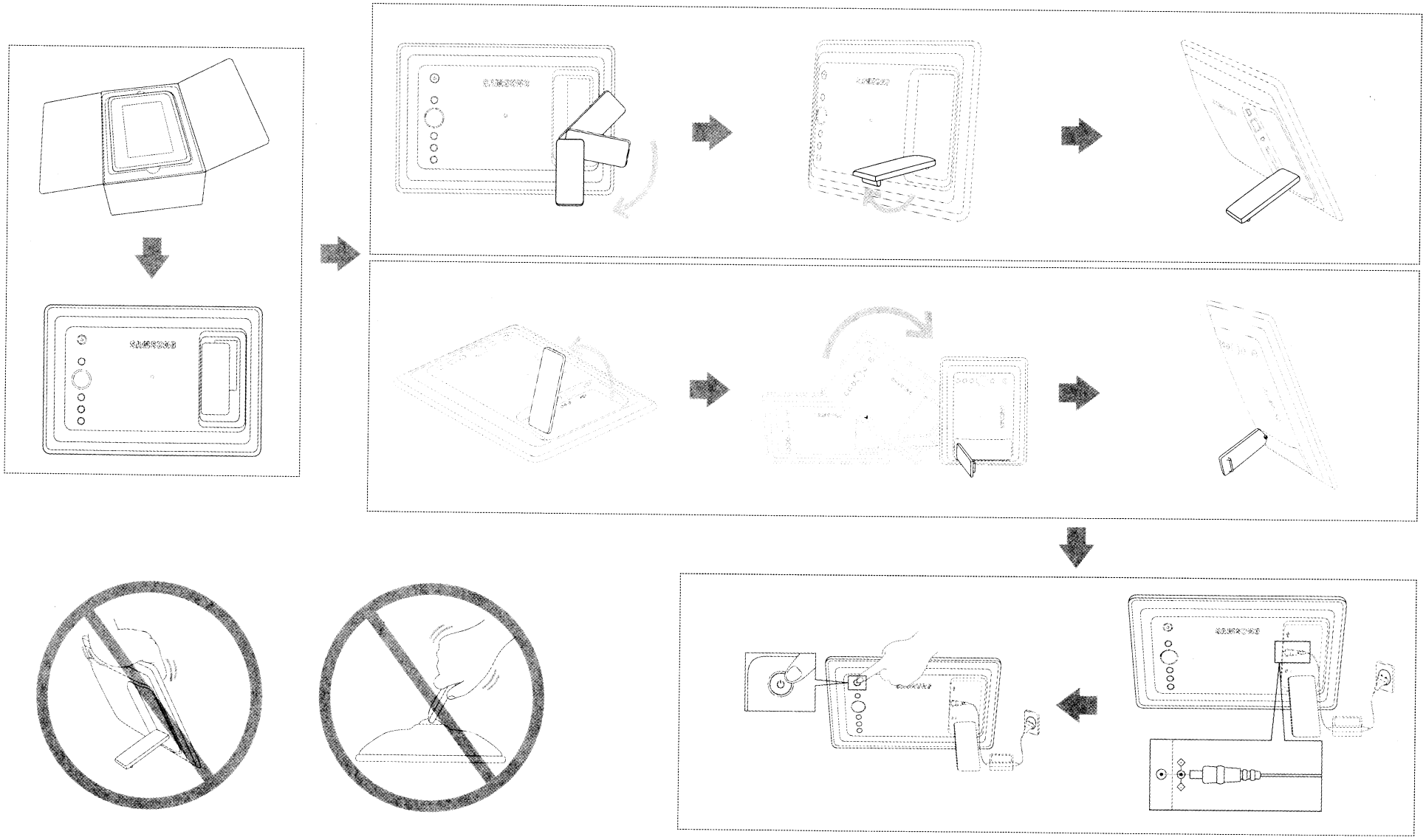
Classification		Details	
Model name		SPF-87H	SPF-107H
Panel	Type	8" TFT LCD	10" TFT LCD
	Resolution	800 x 480	1024 x 600
Supported format		JPEG (Progressive or CMYK type pictures are not supported.)	
Internal memory		1 GB	
USB		Host (USB 2.0) / Device (USB 2.0)	
Power supply	Rating	External DC power supply device (12 V)	
	Power consumption	General: 5.3 W / Power off: Under 1 W	General: 5.9 W / Power off: Under 1 W
General	Size (Width x height x depth)	236.0 x 159.4 x 23.0 mm	280.0 x 188.0 x 23.0 mm
	Weight	500 g	600 g
The product design may differ according to the model, and specifications are subject to change without prior notice for product performance enhancement.			
This device is a Class B digital apparatus.			

Contact SAMSUNG WORLD-WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Region	Country	Contact Center	Web Site
North America	CANADA	1-800-SAMSUNG(726-7864)	http://www.samsung.com/ca
	MEXICO	01-800-SAMSUNG(726-7864)	http://www.samsung.com/mx
	U.S.A	1-800-SAMSUNG(726-7864)	http://www.samsung.com/us
Latin America	ARGENTINA	0800-333-3733	http://www.samsung.com/ar
	BRAZIL	0800-124-421 4004-0000	http://www.samsung.com/br
	CHILE	800-SAMSUNG(726-7864)	http://www.samsung.com/cl
	Nicaragua	00-1800-5077267	http://www.samsung.com/latin
	Honduras	800-7919267	http://www.samsung.com/latin
	COSTA RICA	0-800-507-7267	http://www.samsung.com/latin
	ECUADOR	1-800-10-7267	http://www.samsung.com/latin
	EL SALVADOR	800-6225	http://www.samsung.com/latin
	GUATEMALA	1-800-299-0013	http://www.samsung.com/latin
	JAMAICA	1-800-234-7267	http://www.samsung.com/latin
	PANAMA	800-7267	http://www.samsung.com/latin
	PUERTO RICO	1-800-682-3180	http://www.samsung.com/latin
	REP. DOMINICA	1-800-751-2676	http://www.samsung.com/latin
	TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	http://www.samsung.com/latin
	VENEZUELA	0-800-100-5303	http://www.samsung.com/latin
	COLOMBIA	01-8000112112	http://www.samsung.com.co
Europe	BELGIUM	02 201 2418	http://www.samsung.com/be (Dutch) http://www.samsung.com/be_fr (French)
	CZECH REPUBLIC	800 - SAMSUNG (800-726786)	http://www.samsung.com/cz
		Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	
	DENMARK	8 - SAMSUNG(7267864)	http://www.samsung.com/dk
	FINLAND	30 - 6227 515	http://www.samsung.com/fi
	FRANCE	01 4863 0000	http://www.samsung.com/fr
	GERMANY	01805 - SAMSUNG(726-7864 € 0,14/Min)	http://www.samsung.de
	HUNGARY	06-80-SAMSUNG(726-7864)	http://www.samsung.com/hu
	ITALIA	800-SAMSUNG(726-7864)	http://www.samsung.com/it
	LUXEMBURG	02 261 03 710	http://www.samsung.com/lu
	NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	http://www.samsung.com/nl
	NORWAY	3 - SAMSUNG(7267864)	http://www.samsung.com/no
	POLAND	0 801 1SAMSUNG(172678) 022-607-93-33	http://www.samsung.com/pl
	PORTUGAL	80820-SAMSUNG(726-7864)	http://www.samsung.com/pt
	SLOVAKIA	0800-SAMSUNG(726-7864)	http://www.samsung.com/sk
	SPAIN	902 - 1 - SAMSUNG (902 172 678)	http://www.samsung.com/es
	SWEDEN	075 - SAMSUNG(726 78 64)	http://www.samsung.com/se
	U.K	0845 SAMSUNG (7267864)	http://www.samsung.com/uk
	EIRE	0818 717 100	http://www.samsung.com/ie
	AUSTRIA	0810 - SAMSUNG(7267864, € 0.07/min)	http://www.samsung.com/at
	Switzerland	0848 - SAMSUNG(7267864, CHF 0.08/min)	http://www.samsung.com/ch
CIS	RUSSIA	8-800-555-55-55	http://www.samsung.ru
	KAZAKHSTAN	8-10-800-500-55-500	http://www.samsung.com/kz_ru
	UZBEKISTAN	8-10-800-500-55-500	http://www.samsung.com/kz_ru
	KYRGYZSTAN	00-800-500-55-500	-
	TADJIKISTAN	8-10-800-500-55-500	-
	UKRAINE	8-800-502-0000	http://www.samsung.ua
	LITHUANIA	8-800-77777	http://www.samsung.com/lt
	LATVIA	8000-7267	http://www.samsung.com/lv
	ESTONIA	800-7267	http://www.samsung.com/ee

BN68-01567J-01



BN68-01299F-00

한국어	삼성 크리스털 (Toc) 외관제품의 세척제로는 꼭 물만 사용해주세요. 물 이외에는 어떠한 화학약품의 세척제도 사용하지 말아주세요.
English	Use only the clean water to clean it. Don't use any chemical cleaner to clean this kind of Samsung crystal (ToC) product.
Français	N'utilisez que de l'eau pour nettoyer la surface externe du Samsung Crystal (Matières organiques totales). N'utilisez jamais de produits de nettoyage ou de produits chimiques autres que de l'eau. N'utilisez que de l'eau comme produit de nettoyage.
Italiano	Utilizzare solo acqua per la pulizia della superficie esterna di Samsung Crystal (Toc). Non utilizzare mai soluzioni o sostanze chimiche per la pulizia; utilizzare solo acqua. Come sostanza pulente, utilizzare solo acqua.
Português	Utilize apenas água como solução de limpeza para limpar a superfície exterior do Samsung Crystal (Toc). Utilize sempre água e nunca outras soluções de limpeza nem químicos. Utilize apenas água como solução de limpeza.
Русский	Для чистки внешней поверхности Samsung Crystal (Toc) используйте в качестве чистящего раствора только воду. Не пользуйтесь чистящими средствами и растворами, кроме воды. Используйте для чистки только воду.
Deutsch	Verwenden Sie als Reinigungsmittel bitte nur reines Wasser, wenn Sie die Außenflächen von Samsung Kristall (Toc) reinigen. Verwenden Sie außer Wasser keine anderen Reinigungsmittel und Chemikalien. Verwenden Sie nur Wasser als Reinigungsmittel.
Español	Utilice únicamente agua para limpiar la superficie del Samsung Crystal (Toc). No utilice productos químicos ni soluciones de limpieza aparte del agua. Limpie únicamente con agua.
Polski	Do czyszczenia zewnętrznych powierzchni urządzenia Samsung Crystal (Toc) należy używać wyłącznie wody. Nie wolno używać żadnych innych środków czyszczących lub chemikaliów. Jedynym odpowiednim środkiem czyszczącym jest woda.
Türkçe	Temizlemek için yalnızca temiz su kullanın. Bu çeşit bir Samsung kristal (ToC) ürününü temizlerken herhangi bir kimyasal temizleyici kullanmayın.
中文	只能使用水作为清洁溶液来清洁 Samsung Crystal (Toc) 的外表面。 切勿使用水之外的清洁溶液或化学品。 只能使用水作为清洁溶液。

BN68-02186A-01

Warning! Important Safety Instructions

(Please read the appropriate section that corresponds to the marking on your Samsung product before attempting to install the product.)

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOTREMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.

This symbol alerts you that important literature concerning operation and maintenance has been included with this product.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered.
  - Do not cover the slots and openings with a cloth or other materials.
  - Do not block the slots and openings by placing this apparatus on a bed, sofa, rug or other similar surface.
  - Do not place this apparatus in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.
- Do not place this apparatus near or over a radiator or heat resistor, or where it is exposed to direct sunlight.
- Do not place a water containing vessel(vases etc.) on this apparatus, as this can result in a risk of fire or electric shock.
- Do not expose this apparatus to rain or place it near water(near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool etc.). If this appratus accidentally gets wet, unplug it and contact an authorized dealer immediately. Make sure to pull out the power cord from the outlet before cleaning.
- Do not overload wall outlets, extension cords or adaptors beyond their capacity, since this can result in fire or electric shock.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plug end, adaptors and the point where they exit from the appliance.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corrsponds to the local electrical supply.
- Never insert anything metallic into the open parts of this apparatus. Doing so many create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Make sure to plug the power cord in until it is firmly inserted. When removing the power cord, make sure to hold the power plug when pulling the plug from the outlet. Do not touch the power cord with wet hands.
- If this appratus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service center.
- Be sure to contact an authorized service center, when installing your set in a location with heavy dust, high or low temperatures, high humidity, chemical substances and where it operates for 24 hours such as the airport, the train station etc. Failure to do so may cause serious damage to your set.
- Use only a properly grounded plug and receptacle.
  - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.
- Do not allow children to hang onto the product.
- Store the accessories (battery, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shaky self, a slanted floor or a location exposed to vibration.
- Do not drop or impart any shock to the product. If the product is damaged, disconnect the power cord and contact a service center.
- Unplug the power cord from the power outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air freshener, lubricant or detergent. This may damage the appearance or erase the printing on the product.
- Apparatus shall not be exposed to dripping or splashing.
- WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

Regulatory Compliance Statements

Your Samsung product compliance class is marked in the user manual.

- Federal Communications Commission (FCC) - USA
- Industry Canada Equipment Standard for Digital Equipment (ICES-003) - Canada
- Voluntary Control Council for Interference (VCCI) - Japan
- Bureau of Standards Metrology and Inspection (BSMI) - Taiwan
- Korea Communications Commission(KCC) - Republic of Korea
- Italian Post Ministry (Homologation) - Italy

FCC Class B Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

User Information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If necessary, consult with your dealer or an experienced radio/television technician for additiona suggestions. You may find the booklet called How to Identify and Resolve Radio/TV Interference Problems helpful.
This booklet was prepared by the Federal Communications Commission. It is available from the U.S. Government Printing Office. Washington, DC 20402, Stock Number 004-000-00345-4.

The party responsible for product compliance:

SAMSUNG ELECTRONICS CO., LTD.
America QA Lab of Samsung
3351 Michelson Drive
Suite #290, Irvine, CA92612 USA

Warning

User must use shielded signal interface cables to maintain FCC compliance for the product.
Provided with this monitor is a detachable power supply cord with IEC320 style terminations.
It may be suitable for connection to any UL Listed personal computer with similar configuration.
Before making the connection, make sure the voltage rating of the computer convenience outlet is the same as the monitor and that the ampere rating of the computer convenience outlet is equal or exceeds the monitor voltage rating.
For 120 Volt applications, use only UL Listed detachable power cord with NEMA configuration 5-15P type(parallel blades) plug cap. For 240 Volt applications use only UL Listed detachable power supply cord with NEMA configuration 6-15P type (tandem blades) plug cap.
This television receiver provides display of television closed captioning in accordance with Section 15.119 of the FCC rules. (TV broadcast receivers with picture screens 13 inches or larger in diameter models only)

ICES-003 Class B Notice - Avis NMB-003, Classe B

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

VCCI Class B Notice

この装置は、情報処理装置等電波障害自主規制協議(VCCI)の基準に基づくクテスB情報技術装置です。
この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

警告使用者：
這是甲類資訊類產品，在居住環境中使用時，可能會造成射頻幹擾，在這種情況下，
使用者會被要求採取某些適當的對策。

European Notice(Europe Only)

Products with the CE marking comply with the EMC Directive(2004/108/EC) and the Low Voltage Directive(2006/95/EC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms:

- EN55022: Radio Frequency Interference
- EN55024: Electromagnetic Immunity of Information Technology Equipment
- EN61000-3-2: Power Line Harmonics
- EN61000-3-3: Voltage Fluctuations
- EN55013: Radio disturbance characteristics of broadcast receivers and associated equipments
- EN55020: Electromagnetic immunity of broadcast receivers and associated equipments

가정용 방송통신기기 B급기기 (KCC Class B Notice)

이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Italian Homologation Notice

Questo apparecchio e fabbricato in conformita al D.M.28.08.95 n.548
ed in particolare a quanto specificato nell Art.2, comma 1.
Questo apparecchio e fabbricato nella U.E. in conformita al D.M.28.08.95 n.548
Art.2, comma 1 ed al D.M.26.03.92 Art.1

-. For products produced in countries except European Community
Questo apparecchio e fabbricato in conformita al D.M.28.08.95 n.548
ed in particolare a quanto specificato nell Art.2, comma 1.

-. For products produced in European Community
Questo apparecchio e fabbricato nella U.E. in conformita al D.M.28.08.95 n.548
Art.2, comma 1 ed al D.M.26.03.92 Art.1

WARNING: To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

- ***Ventilation***

Do not place the apparatus in a rack or bookcase. Ensure that there is adequate ventilation and that you've followed that manufacturer's instructions for mounting and installation.

Mercury Statement (USA only)

Contains Mercury, Dispose According to Local, State or Federal Laws

Wiring the Mains Power Supply Plug(UK Only)

IMPORTANT NOTICE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BSI1362 of the same rating must be used.
Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.
If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative but to cut off the plug, remove the fuse and then safely dispose of the plug.
Do NOT connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:
BLUE - NEUTRAL BROWN - LIVE
As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows :
The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING:

DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL, WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚, OR COLOURED GREEN OR GREEN AND YELLOW.

AA68-03242S-00

SAMSUNG

SAMSUNG ELECTRONICS

NORTH AMERICAN LIMITED WARRANTY STATEMENT

Subject to the requirements, conditions, exclusions and limitations of the Original Limited Warranty supplied with Samsung Electronics (SAMSUNG) products, and the requirements, conditions, exclusions and limitations contained herein, SAMSUNG will additionally provide Warranty Repair Service in the United States on SAMSUNG products purchased in Canada, and in Canada on SAMSUNG products purchased in the United States, for the warranty period originally specified, and to the Original Purchaser only.

The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. Along with this Statement, the Original Limited Warranty Statement and a dated Bill of Sale as Proof of Purchase must be presented to the Service Center. Transportation to and from the Service Center is the responsibility of the purchaser.

Conditions covered are limited only to manufacturing defects in material or workmanship, and only those encountered in normal use of the product.

Excluded, but not limited to, are any originally specified provisions for, in-home or on-site services, minimum or maximum repair times exchanges or replacements, accessories, options, upgrades, or consumables.

For the location of a SAMSUNG Authorized Service Center, please call toll-free:

1-800-SAMSUNG (1-800-726-7864)
Or on-line at
www.samsung.com and **www.samsung.com/ca**

SAMSUNG ELECTRONICS

GARANTIE LIMITÉE POUR L'AMÉRIQUE DU NORD

Assujettie aux exigences, conditions, exclusions et limitations de la garantie limitée originale fournie avec les produits de Samsung Electronics (SAMSUNG) et les exigences, conditions, exclusions et limitations de la présente garantie, SAMSUNG offrira en plus un service de réparation sous garantie aux États-Unis pour les produits achetés au Canada et un service de réparation sous garantie au Canada pour les produits achetés aux États-Unis pendant la période de garantie précisée à l'origine et pour l'acheteur initial seulement.

Les réparations sous garantie décrites ci-dessus doivent être effectuées dans un centre de réparation agréé SAMSUNG. En plus de la présente garantie, la garantie limitée originale et une facture datée en tant que preuve d'achat doivent être présentées au centre de réparation. Le transport de l'appareil au et à partir du centre de réparation demeure la responsabilité de l'acheteur.

Les conditions couvertes ne sont limitées qu'aux vices de matériaux et de fabrication dans des conditions d'utilisation normale.

Exclues, mais non pas limitées à, sont les dispositions précisées à l'origine pour le service à domicile ou sur place, durées de réparation minimales et maximales, échanges ou remplacements, accessoires, options, extensions ou produits non durables.

Pour obtenir le nom d'un centre de réparation agréé Samsung, appelez sans frais :

1-800-SAMSUNG (1-800-726-7864)
Or on-line at
www.samsung.com and **www.samsung.com/ca**

PLEASE COMPLETE THE FOLLOWING FOR YOUR FUTURE REFERENCE

The model number and serial number of your product may be found on the back of the unit. Please record below these numbers and the other requested information. Keep this form and your sales receipt in a safe place as a permanent record of your purchase to aid identification in case of loss or theft.

MODEL NUMBER _____

SERIAL NUMBER _____

DATE PURCHASED _____

PURCHASED FROM _____

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

To obtain warranty service, please contact SAMSUNG at:

Samsung Electronics America, Inc.
105 Challenger Road Ridgefield Park, NJ 07660-0511
1-800-SAMSUNG (1-800-726-7864) and www.samsung.com

For Canadian Customers Only

WARRANTY

LIMITED WARRANTY TO ORIGINAL PURCHASER

Samsung will replace this product at our discretion, subject to the terms and conditions of Samsung Service Plan, if found defective within the warranty period beginning from the original date of purchase. This Samsung Product is warranted by SAMSUNG ELECTRONICS CANADA INC. against manufacturing defects in materials or workmanship for the period specified:

Labour	Parts
One (1) Year, (Carry-In/Ship-In)	One (1) Year

Repair option for defective product within the warranty period is available upon approval by Samsung Technical Support Department. To request for Warranty Service, the purchaser must contact SAMSUNG at 1-800-SAMSUNG for problem determination, problem analysis and service procedures.

Obligation of the Original Owner

The original dated purchase receipt must be retained as proof of purchase and submitted upon request by Samsung Customer Service for replacement or repair processing. For repair option on all carry-in models, transportation to and from the authorized service center is the responsibility of the consumer.

Exclusions of the Warranty

This warranty does not cover damage due to accident, fire, flood and/or other Acts of God; misuse, burned-in images, incorrect line voltage, improper or unauthorized repairs, commercial use, or damages which occur in shipping. Exterior and interior finish, lamps, glass, plastic parts and temperature probes are not covered under this warranty. Customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in Canada.

To obtain warranty replacement or service, please contact SAMSUNG at:

Samsung Electronics Canada Inc., Customer Service
55 Standish Court
Mississauga, Ontario L5R 4B2
Canada
Tel: 1-800-SAMSUNG (726-7864)
Fax: (905) 542- 1199
Website: www.samsung.com/ca

BN68-00226M-02

Pour les clients canadiens seulement

GARANTIE

GARANTIE LIMITÉE OFFERTE À L'ACHETEUR ORIGINAL

Samsung remplacera ce produit à sa discrétion, selon les conditions générales de son plan de service, si ce produit s'avère défectueux durant la période de garantie, qui commence à la date d'achat originale. Ce produit de Samsung est garantit par SAMSUNG ELECTRONICS CANADA INC. contre tout défaut de fabrication imputable aux matériaux et à la main d'oeuvre pour la période spécifiée :

Main-d'oeuvre	Pièces
Un (1) an (transport/expédition en magasin)	Un (1) an

La réparation d'un produit défectueux est offerte pour la période de garantie si elle est approuvée par le service de soutien technique de Samsung. Pour demander un service sous garantie, l'acheteur doit communiquer avec SAMSUNG au 1 800 SAMSUNG pour que le problème puisse être trouvé et analysé et que les procédures de réparation soient entreprises.

Obligation de l'acheteur initial

La facture d'achat original, datée, doit être conservée comme preuve d'achat et, lorsque demandée, doit être présentée au service à la clientèle pour l'obtention d'une réparation ou d'un remplacement. Pour toutes les réparations des produits pouvant être transportés, le consommateur est responsable du transport du produit entre sa demeure et le centre de service autorisé.

Exclusions of the Warranty

Cette garantie ne couvre pas les dommages causés par un accident, un incendie, une inondation ou tout cas de force majeure, ni la mauvaise utilisation, les images rémanentes, une tension incorrecte, les réparations inappropriées ou non autorisées, l'usage à des fins commerciales ou les dommages survenus lors du transport. Le fini extérieur et intérieur , les lampes, les pièces en verre ou en plastique, et les sondes thermiques ne sont pas couverts par cette garantie. Les réglages effectués par le client et l'inobservation des instructions de fonctionnement, de nettoyage, d'entretien et de recyclage qui sont décrites dans le guide d'utilisation ne sont pas couverts par cette garantie. Cette garantie sera automatiquement annulée si le numéro de série d'un appareil a été effacé ou modifié. La garantie ne couvre que les appareils achetés et utilisés au Canada.

Pour obtenir un remplacement ou une réparation sous garantie, veuillez communiquer avec SAMSUNG à :

Samsung Electronics Canada Inc., service à la clientèle
55 Standish Court
Mississauga, Ontario L5R 4B2
Canada
Téléphone : 1 800 SAMSUNG (726-7864)
Télécopieur : 905 542-1199
Internet : www.samsung.com/ca

SAMSUNG DIGITAL PHOTO FRAME

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by Samsung Electronics America, Inc. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) Year Parts and Labor, Carry-In/Ship-In Service

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation of the product to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

SAMSUNG does not warrant uninterrupted or error-free operation of the product, and shall not be liable for the loss or destruction of data or media resulting from the use or service of this product. It is the purchaser's responsibility to secure all programs and data contained in or affected by the product. The purchaser is cautioned that product performance may be affected by installation, system configuration, software, applications, equipment compatibility, purchaser data and operator control of the system, among other factors, and it is the purchaser's responsibility to determine the functional implementation.

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